

**SELF LEVELING BOOM SYSTEM WITH ROTATABLE WORKING
ASSEMBLY**

ABSTRACT OF THE DISCLOSURE

5 A fire fighting vehicle having a boom system includes a working
assembly attached to an end portion of the boom system. The working assembly
comprises a frame pivotally mounted at a midpoint of the frame to the end portion
of the boom. The frame carries a mechanical actuator that is connected to a tool
capable of piercing an exterior of a structure when the mechanical actuator is
actuated.